

Appendix 8 Culverts identified for replacement or improvement within Wolf Creek watershed.

	Location	Problem	Proposal
1	T. 18 S., R. 8 W., Sec. 35, NE1/4. Unnamed tributary at Road No. 18-8-35 crossing.	Drop at culvert outfall and steep gradient.	Raise water level below with structures or replace culvert.
2	T. 18 S., R. 8 W., Sec. 36, NW 1/4. East tributary within NW 1/4 at Road No. 18-8-35 crossing.	Steep culvert gradient and drop at outfall (with second culvert above).	Replace culverts or raise water level with structures below.
3	T. 18 S., R. 7 W., Sec. 31, SE1/4, Unnamed tributary at Road No. 19-6-9 crossing.	Drop at culvert outfall and steep gradient.	Raise water level below with structures or replace culvert.
4	T. 18 S., R. 7 W., Sec. 32, E1/2. Unnamed tributary at Road No. 19-6-9 crossing.	Drop at culvert outfall and steep gradient.	Raise water level below with structures or replace culvert.
5	T. 18 S., R. 7 W., Sec. 33, NW 1/4. Pittenger Creek at Road No. 18-7-33.1 crossing.	Steep culvert with lower concrete sections dropping in elevation.	Raise water level below with structures.
6	T. 18 S., R. 7 W., Sec. 27, SW 1/4. Gall Creek tributary at Road No. 18-7-33 crossing near Road No. 18-7-27.	Drop at culvert outfall.	Raise water level below with structures or remove culvert.
7	T. 18 S., R. 7 W., Sec. 35, NW 1/4. Oat Creek at Road No. 18-7-35 crossing.	Drop at culvert outfall and steep gradient (although water level below raised by low boulder structures).	Raise water level below more with higher structures.
8	T. 18 S., R. 7 W., Sec. 35, NW 1/4. Oat Creek tributary near Sections 34/35 line at Road No. 18-6-21 crossing.	Drop at culvert outfall and steep gradient.	Raise water level below with structure.
9	T. 18 S., R. 7 W., Sec. 35, NE1/4. Oat Creek tributary from northeast at Road No. 18-7-35 crossing near Road No. 18-6-30.	Drop at culvert outfall and steep gradient.	Deepen channel and raise water level below with structure.
10	T. 18 S., R. 7 W., Sec. 35, NE1/4. Oat Creek tributary from southeast at Road No. 18-7-35 crossing.	Drop at culvert outfall (except water level below raised by small log structure).	Provide more permanent structure below to raise water level or replace culvert.
11	T. 19 S., R. 7 W., Sec. 4, SW 1/4. Van Curen Creek at Road No. 19-6-9 crossing.	Steep culvert with drop at outfall (and fallen concrete section).	Replace culvert and provide steps above.
12	T. 19 S., R. 7 W., Sec. 3, SE1/4. Unnamed tributary near Road No. 19-7-3 intersection at connecting road crossing.	Steep culvert with drop at outfall.	Remove culvert and provide steps above.
13	T. 19 S., R. 7 W., Sec. 11, NW 1/4. Main west tributary in NW 1/4 at side road south of Road No. 19-6-9.	Steep culvert gradient.	Replace or remove culvert or otherwise install steps inside culvert and raise water level below with structure.
14	T. 19 S., R. 7 W., Sec. 11, NW 1/4. East tributary in NW 1/4 at side road south of Road No. 19-6-9.	Steep culvert gradient and drop at outfall.	Replace or remove culvert.
15	T. 19 S., R. 6 W., Sec. 6, NE1/4. Eames Creek at Road No. 19-7-12 crossing.	Shallow water below culvert with small drop at outfall.	Raise water level with structure below culvert.
16	T. 19 S., R. 6 W., Sec. 9, SW 1/4. Swamp Creek at Road No. 19-6-9.1 crossing.	Shallow water below three culverts with drop at outfall.	Raise water level below with structure.
17	T. 19 S., R. 6 W., Sec. 4, NE1/4. Unnamed tributary to Swamp Creek at Road No. 19-6-9.1 crossing near Road No. 19-6-4.2.	Drop at culvert outfall.	Raise water level below with structure.
18	T. 18 S., R. 6 W., Sec. 33, E1/2. Swamp Creek at Road No. 18-6-33.1.	Shallow water below culvert.	Remove culvert or deepen channel and raise water level below with structure.
19	T. 19 S., R. 6 W., Sec. 7, SE1/4. West tributary in SE1/4. Unnamed tributary to Wolf Creek at Road No. 19-6-9 crossing.	Lower end of culvert bent down with drop into stream below, and culvert may have steep gradient.	Cut off lower end culvert and raise water level below with structure.